

Converting Colors

XYZ(86.0062, 96.3365, 63.3523)

Have a look what the booklet for
XYZ(86.0062, 96.3365, 63.3523)
contains.

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Color

**XYZ(86.0370, 96.3524,
63.3535)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFBF
RGB	254, 255, 191
RGB Percent	100%, 100%, 75%
CMY	0.0039, 0.0000, 0.2510
CMYK	0.00, 0.00, 0.25, 0.00
HSL	61°, 100%, 87%
HSV	61°, 25%, 100%
XYZ	86.0370, 96.3524, 63.3535
YIQ	247.4050, 19.9480, -20.1160

Conversions

Conversions Part 2

Format	Color
R_{YB}	191, 255, 192
Decimal	16711615
CIE _{Lab}	98.57, -10.17, 30.57
CIE _{LCh}	99, 32.218, 108.404
Yxy	96.3524, 0.3501, 0.3921
Android (android.graphics.Color)	4294901695 (0xFFFEFFBF)
YUV	247.4050, -27.8077, 5.7838
Hunter-Lab	98.1593, -15.3227, 30.4448

Details

The XYZ color **86.0370, 96.3524, 63.3535** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.4201, 55.6894, 102.2778**, and the grayscale version is **88.9448, 93.5768, 101.9052**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **47.7354, 54.0646, 31.5865** is the 20% darker color. If you saturate the color by 10%, you get **83.3249, 95.2508, 49.8311**, and if you desaturate by 10%, it is **89.2389, 97.6500, 79.4518**.

Distribution



- Red (100%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0370, 96.3524, 63.3535 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 86.0370, 96.3524, 63.3535 by changing the saturation by 10% instead.


 86.0370, 96.3524,
63.3535

 86.0370, 96.3524,
63.3535


503.4853,
548.4855, 454.9945

 65.0239, 73.2611,
45.6844


 140.7277,
156.1317, 111.2698

 47.7453, 54.1895,
31.6500


175.1360,
193.5884, 142.3542

 33.8356, 38.7532,
20.8317


214.7402,
236.6025, 178.7473

 22.9296, 26.5678,
12.8110

259.9055,
285.5582, 220.8679

 14.6620, 17.2489,
7.1693

310.9973,
340.8399, 269.1343

 8.6673, 10.4121,
3.4882

368.3809,

 4.5802, 5.6730,

402.8321, 323.9652

1.3490

432.4219,
471.9192, 385.7791

■ 2.0353, 2.6473,
0.1014

■ 0.6537, 0.9505,
0.0000

■ 86.0370, 96.3524,
63.3535

■ 86.0370, 96.3524,
63.3535

■ 83.3249, 95.2508,
49.8311

■ 89.2389, 97.6500,
79.4518

■ 81.0760, 94.3344,
38.7471

■ 92.9527, 99.1525,
98.2455

■ 79.2632, 93.5925,
29.9575

95.0500, 100.0000,
108.9000

■ 77.8558, 93.0129,
23.3016

■ 76.8194, 92.5816,
18.5978

■ 76.1139, 92.2828,
15.6347

■ 75.6896, 92.0965,
14.1513

■ 75.5498, 92.0324,
13.7821

Harmonies

Analogous

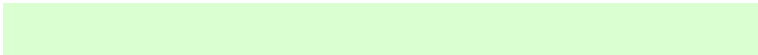
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2303, 96.3524, 62.2330



86.0370, 96.3524, 63.3535



78.8192, 96.3524, 74.3900

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0370, 96.3524, 63.3535



80.1889, 96.3524, 148.1726



110.2839, 96.3524, 115.5715

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



86.0370, 96.3524, 63.3535



58.4201, 55.6894, 102.2778

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.6488, 96.3524, 142.8123



86.0370, 96.3524, 63.3535



88.0243, 96.3524, 163.6575

Square

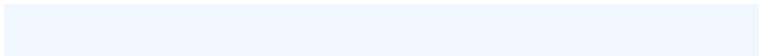
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



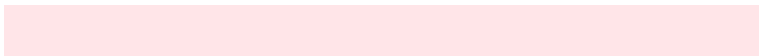
86.0370, 96.3524, 63.3535



75.6042, 96.3524, 121.9667



97.3562, 96.3524, 161.5445



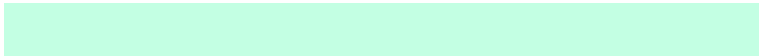
109.6615, 96.3524, 89.5251

Rectangle

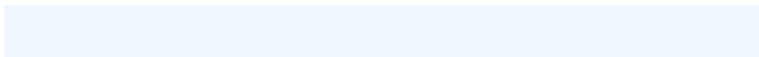
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0370, 96.3524, 63.3535



75.9050, 96.3524, 87.1296



97.3562, 96.3524, 161.5445



109.2769, 96.3524, 124.9614

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86.0374, 96.3526, 63.3549



91.8205, 98.6947, 92.5051



69.2756, 62.2843, 57.6625



19.5315, 21.0754, 19.1829



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

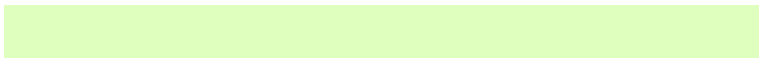
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0374, 96.3526, 63.3549



84.6479, 95.7885, 56.4108



75.5960, 90.9699, 62.8662



19.5315, 21.0754, 19.1829



39.4892, 48.0955, 7.2021



3.8536, 4.6873, 0.7016

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.4201, 55.6894, 102.2778



52.8215, 48.9269, 101.2676



67.1131, 60.1708, 102.6846



17.0293, 17.3913, 22.7093



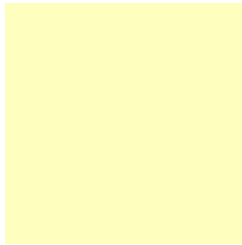
9.4689, 3.7919, 49.6674



0.9308, 0.3738, 4.8364

Previews

White Background



This preview shows how the XYZ color 86.0370, 96.3524, 63.3535 looks on a white background.

Color Contrast Check

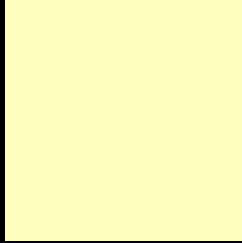
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 86.0370, 96.3524, 63.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0370, 96.3524, 63.3535

Background



This preview shows how black text looks on a background with the XYZ color 86.0370, 96.3524, 63.3535.

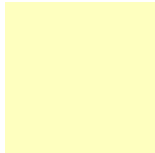


This preview shows how white text looks on a background with the XYZ color 86.0370, 96.3524,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.0370, 96.3524, 63.3535

Protanopia

91.1698, 96.4274, 94.6961

Deuteranopia

92.0602, 96.2850, 100.9216

Tritanopia

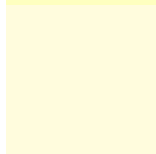
93.1657, 96.2314, 108.2719

Trichromacy



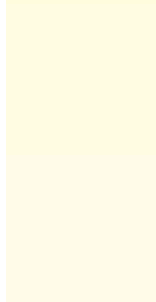
Original Color

86.0370, 96.3524, 63.3535



Protanomaly

89.1015, 96.1013, 82.2599



Deuteranomaly

89.7779, 96.3718, 85.8213

Tritanomaly

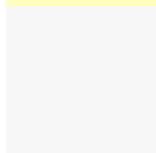
90.3027, 96.0806, 90.1299

Monochromacy



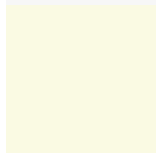
Original Color

86.0370, 96.3524, 63.3535



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.4751, 94.2413, 86.2530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0370, 96.3524, 63.3535 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 86.0370, 96.3524, 63.3535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 255, 191) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 255, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0370, 96.3524, 63.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
255, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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